

Field Feature Bill of Material

Installation of 3746 Extended Functions 3 (FC 5801) on IBM 3746 Model 9X0 with SP type: 3172-P90 (FC 5021), 9585-P02 (FC 5052), or 6275 (FC 5053)

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Before Installation (Steps 1-8)

1.0 Machines Affected

IBM 3746 Model 9X0.

This feature should only be applied on the machine serial for which it is specified.

2.0 Related BMs and ECs

2.1 Prerequisites

(Must be installed prior to this installation)

- All functions require:
 - Microcode Level: EC **F12720** or higher.
 - A Service Processor type:
 - 3172 Pentium 90MHz (FC 5021) equipped with CD-ROM (FC 5051) and Memory Expansion (FC 5028)
 - 7585-P02 (FC 5052) or
 - 6275 Model 56U or 83U (FC 5053).
- The Java console needs a Web browser enabled for Java 1.1 or later
- The Interactive Network Dispatcher enhancement requires the MAE with direct attachment (FC 3001) and the MAE extended functions 1 (FC 5804)
- The 3746 Model 900 enhancements for NCP traffic, RIP V2 for the 3746 base adapters and the IP routing enhancements require the 3746 extended functions 1 (FC 5800) and the 3746 extended functions 3 (FC 5801)
- RIP V2 for the MAE (FC 3001) ports requires the 3746 extended functions 3 (FC 5801) and the MAE extended functions 1 (FC 5804).

2.2 Concurrent ECs

(Must be installed together)

None.

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2.3 Companion ECs

(May be installed together)
None.

3.0 BMs to be Installed

Feature BM	Feature Name
42L2440	3746 Extended Functions 3 (FC 5801)

4.0 Preparation

1. Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer.
2. Obtain the Service Processor Maintenance Password from the customer.

5.0 Programming

None.

6.0 Purpose and Description

The 3746 Extended Functions 3 (FC 5801) provides the following functions:

- RIP Version 2 Support on 3746 Base and MAE Adapters.
- Network Dispatcher Enhancement for Server Support
- 3746 Model 900 Enhancements for NCP Traffic
 - Frame Relay CIR Support
 - Frame Relay Protocol Over Switched Lines
 - Routing Information Field (RIF) Change Notification
- IP Routing Enhancements on 3746 Base and MAE Adapters
 - Route Filtering
 - RIP metrics
- Controller Configuration and Management (CCM) enhancement
 - 3746 Dynamic Change Update enhancement.
 - Improved Search Command.
- Java Console Support for a Java based console to replace the current DCAF (Distributed Console Access Facility) console.
- JAVA Console File Transfer

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- Service Processor Type 3 (FC 5053)
- Service Processor Upgrade (FC 5050)
- Network Node Processor Type 3 (FC 5423)
- Network Node Processor Type 3 Memory Expansion (FC 5047)

7.0 Installation Time

To be reported as MES installation.

FFBM	Machine Hrs.	System Hrs.	Nbr of CEs
42L2440	0.5	0.0	1

8.0 Tools/Material Required

None.

Installation (Steps 9-12)

9.0 Safety

Not applicable.

10.0 Details of Installation.

Using the SPIM or the Service User's Guide shipped with the service processor, verify that the code installed is at EC **F12720** or above.

Use the procedure: **Displaying the EC Level of Code installed on the Hard Disk**. If the EC of the code installed is prior to F12720, use the installation instructions to install the new level of code shipped.

Then according to the functions that your customer wants to use, verify that all hardware and software prerequisites are available.

- The **Java console** needs a **Web browser** enabled for **Java 1.1 or later**.
- The **Network Dispatcher enhancement** requires the **MAE** with direct attachment (**FC 3001**)
- The **3746 Model 900 enhancements** for NCP traffic require **NCP Version 7 Release 7**.
- **RIP V2** support requires TCP/IP V3R2 PTF UQ21140 or OS/390 V2R5.

10.1 Returning the Machine to the Customer

Inform the Customer or his representative, that the 3746-9x0 is now ready to support the 3746 Extended Functions 3.

11.0 Test Procedures

No test required.

12.0 Field Updating

None.

After Installation (steps 13-15)

13.0 Publications Update

None

14.0 Parts Disposition

Not applicable

15.0 Machine Records

- Install the new **MACHINE HISTORY** supplied.
- Report installation and quality problems using existing procedures.

End of instructions.

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